

IN THE CLAIMS:

Please enter the following rewritten claims as follows:

B1 10. (Twice Amended) A polynucleotide composition useful in inducing immune protection against arthritogenic peptides in a host comprising a recombinant gene expression vector which encodes bacterial dnaJp1 peptide having the amino acid sequence of SEQ ID NO: 4.

18. (Amended) The composition of claim 10, wherein the recombinant gene expression vector further encodes at least one dnaJ polypeptide other than dnaJp1 peptide.

19. (Amended) The composition of claim 18, wherein the dnaJ polypeptide is found in a human dnaJ protein.

B2 20. (Amended) The composition of claim 10, further comprising a recombinant gene expression vector which encodes at least one dnaJ polypeptide other than dnaJp1 peptide.

21. (Amended) The composition of claim 20, wherein the dnaJ polypeptide is found in a human dnaJ protein.

22. (Amended) The composition of claim 10, wherein the dnaJp1 peptide is produced by bacteria selected from at least one of the genera consisting of Escherichia, Lactococcus, Klebsiella, Proteus, and Salmonella.

23. (Amended) The composition of claim 10, further comprising an immunomodulatory compound.

sub c1 24. (Amended) The composition of claim 23, wherein the immunomodulatory compound is TGF- β .